IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Video Projector
Manufacturer:	Epson
Firmware Version:	N/A
Model(s):	EB-1850W, EB-1870, EB-C705W, EB-C715X, PowerLite 1850W, PowerLite 1870

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
1	7/26/2011	1.4.0	3.2.0	Initial Extron Certified version.

Driver Notes:

Control Commands & States:

Aspect Ratio	Normal	4:3[1]	16:9
	Auto	Full[2]	Zoom[2]
	Real[2]		
Auto Image	Execute		
AV Mute	On	Off	
Closed Caption	Off	CC1	CC2
Freeze	On	Off	
Input	HDMI	S-Video	Composite
	USB 2	USB 1	Computer1 RGB
	Computer1 (YPbPr)	Computer2 RGB	Computer2 (YPbPr)
Lamp Mode	Normal	Eco	
Power Control	On	Off	
Volume (Discrete)	0 to 20 in steps of 1		
Volume (Step)	Up	Down	

[1]Only available on models EB-1870, EB-C715X, and PowerLite 1870
[2]Only available on models PowerLite 1850W EB-1850W, EB-C705W

Status Available:

Aspect Ratio	Normal	4:3[1]	16:9
	Auto	Full[2]	Zoom[2]
	Real[2]		
AV Mute	On	Off	
Closed Caption	Off	CC1	CC2
Connection Status	Connected	Disconnected	
Device Status	Normal	Status Unavailable	Fan Error
	Internal temperature is abnormally high	Lamp Burnt-out	Lamp Cover Error
	Lamp Error	Cinema Filter Error	Dual Layered Capacitor Disconnected
	Auto Iris Error	Subsystem Error	Low Air Flow Error
	Sensor Error	Power Supply Error	Shutter Failure
	Cooling System Error	Cooling System Error(Pump)	
Freeze	On	Off	
Input	HDMI	S-Video	Composite
	USB 2	USB 1	Computer1 RGB
	Computer1 (YPbPr)	Computer2 RGB	Computer2 (YPbPr)
Lamp Mode	Normal	Eco	
Lamp Usage	Hours		
Power Control	On	Off	
Power Status	On	Off	Warming Up
	Cooling Down	Status Unavailable	
Volume (Discrete)	0 to 20 in steps of 1		

[1]Only available on models EB-1870, EB-C715X, and PowerLite 1870
[2]Only available on models PowerLite 1850W EB-1850W, EB-C705W

MLC62 Supported Commands:

Aspect Ratio	Normal	4:3[1]	16:9
	Auto	Full[2]	Zoom[2]
	Real[2]		
Auto Image	Execute		
AV Mute	On	Off	
Closed Caption	Off	CC1	CC2
Freeze	On	Off	
Input	HDMI	S-Video	Composite
	USB 2	USB 1	Computer1 RGB
	Computer1 (YPbPr)	Computer2 RGB	Computer2 (YPbPr)
Lamp Mode	Normal	Eco	
Power Control	On	Off	
Volume (Discrete)	0 to 20 in steps of 1		
Volume (Step)	Up	Down	

[1]Only available on models EB-1870, EB-C715X, and PowerLite 1870
[2]Only available on models PowerLite 1850W EB-1850W, EB-C705W

Cable and Adapter Requirements:

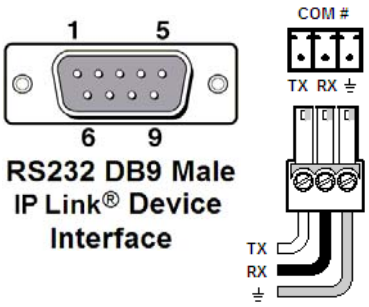
F/F RS-232 Null Modem Serial Cable

Notes for the Device:

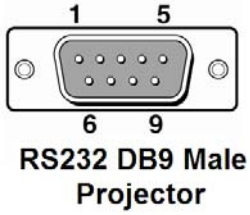
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2		2	RxD
TxD	3		3	TxD
GND	5		5	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: